

# BIOLOGICAL/PRE-MEDICAL ILLUSTRATION (BPM I)

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Courses primarily for undergraduates:

## **BPM I 323: Scientific Illustration Principles and Techniques**

(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable.

*Prereq:* 6 credits in art and design and 3 credits in biological sciences

Studio basics and professional techniques in black & white, continuous tone, and color. Emphasis on tools, materials, and rendering.

## **BPM I 326: Illustration and Illustration Software**

(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable.

*Prereq:* ARTIS 323

Application of painting, drawing, and image making techniques to communication. Development of technical abilities using illustration software. Digital and print production techniques.

## **BPM I 327: Illustration as Communication**

(Cross-listed with ARTIS). (0-6) Cr. 3.

*Prereq:* ARTIS 326

Studio problems in illustration emphasizing composition and communication. Problem solving methodologies.

## **BPM I 337: Application of Scientific Illustration Techniques**

(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable, maximum of 6 credits. S.

*Prereq:* ARTIS 327

Rendering techniques applied to different types of biological and scientific subjects emphasizing communication. The use of traditional and digital media. Term project required.

## **BPM I 395: Field Illustration**

Cr. 1-3. Repeatable, maximum of 6 credits. S.SS.

*Prereq:* Permission of instructor

A combination seminar and field trip course emphasizing nature interpretation, field sketching techniques and preparation of a final illustration based on field experience.

## **BPM I 398: Cooperative Education**

Cr. R. F.S.SS.

*Prereq:* Permission of the program cooperative education coordinator, junior classification

Required of all cooperative education students. Students must register for these courses prior to commencing each work period.

## **BPM I 435I: Illustrating Nature I Sketching**

(Cross-listed with IA LL). Cr. 2. SS.

Sketching plants, animals and terrain. Visual communication, development of a personal style, and integration of typographic and visual elements on a page will be emphasized.

## **BPM I 436I: Illustrating Nature II Photography**

(Cross-listed with IA LL). Cr. 2. SS.

Beginning to intermediate technical and compositional aspects of color photography of natural areas and their plants and animals.

## **BPM I 490: Independent Study**

Cr. 1-3. Repeatable, maximum of 3 credits.

*Prereq:* Written approval of instructor and advisory committee chair on required form in advance of semester of enrollment

## **BPM I 494: Special Topics in Illustration**

Cr. 1-3. Repeatable.

Intensive exploration of illustration techniques in a studio or field setting.

## **BPM I 497: Illustration Internship**

Cr. 1-6. Repeatable, maximum of 6 credits.

*Prereq:* Junior or senior classification in BPM I, written approval of supervising instructor and advisory committee chair on required form in advance of semester of enrollment

Offered on a satisfactory-fail basis only.